

REMARKS

With this Amendment, independent claims 1, 12, 13 and 17 are amended; claims 6-11 are cancelled; and new claims 21-23 are added, such that claims 1-5 and 12-23 are pending. Reconsideration of the pending claims is respectfully requested.

Claim Rejections – 35 U.S.C. §102

The Examiner rejects claims 6, 10, 11, 13, 16, 17, 19 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 4,518,249 to Murata et al. Applicants disagree.

Murata et al. does not define or suggest positioning two mirrors adjacent a light source and at symmetrical distances from the paper substrate such that light from the light source strikes the mirrors and is redirected in two distinct light paths toward the paper substrate, as defined in claim 13. Further, Murata et al. does not define or suggest positioning two mirrors adjacent a light source and symmetrically with respect to a plane that is perpendicular to the paper substrate of the printing press such that light from said light source is split into dual light paths of equal length of uniform, non-collimated illumination and directed toward the substrate by the mirrors, as defined by claim 17. Rather, Murata et al. discloses several mirrors: elliptical mirrors 2, 3, plane mirror 4, and supplemental mirror 5. No two of these mirrors are located at symmetrical distances from the paper substrate. No two of these mirrors are positioned symmetrically with respect to a plane that is perpendicular to the paper substrate such that light from the light source is splint into dual light paths of equal length.

Therefore, claims 13 and 17 define over the references cited by the Examiner, and are allowable. Claims 14-16 depend from claim 13, and are allowable for at least the reasons discussed above with respect to claim 13. Claims 18-20 depend from claim 17, and are allowable for at least the reasons discussed above with respect to claim 17.

Claim Rejections – 35 U.S.C. §103

The Examiner rejects claims 1-5 and 12 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No.5,018,213 to Sikes et al. in view of U.S. Patent No. 4,225,923 to Bloemendaal et al. The Examiner also rejects claims 7-9, 14, 15, 18 and 20 under 35 U.S.C.

103(a) as being unpatentable over U.S. Patent No. 4,518,249 to Murata et al. in view of U.S. Patent No. 4,225,923 to Bloemendaal et al. Applicants disagree.

None of the references cited by the Examiner describe or suggest a camera assembly including two mirrors positioned within a housing and positioned symmetrically with respect to a plane that is perpendicular to the paper substrate of the printed press to direct light in two distinct paths from the light source to the paper substrate, as defined in claim 1. Further, none of the cited references describes or suggests two mirrors positioned adjacent a strobe light source to direct light in two distinct paths of equal length from said light source to the paper substrate, as defined by claim 12.

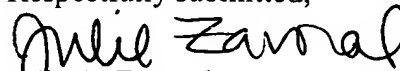
In particular, Sikes et al. discloses a strobe light source for illuminating a web, but does not disclose any mirrors. Bloemendaal et al. describes an illumination apparatus for illuminating a substrate using a flash lamp. A pair of parabolic reflectors 10 and 11 reflect light from the lamp to mirrors 12, 13. No two of these reflectors or mirrors are positioned symmetrically with respect to a plane that is perpendicular to the paper substrate. Further, the two distinct light paths from the light source to the paper substrate are not of equal length. Similarly, Murata et al. discloses several mirrors: elliptical mirrors 2, 3, plane mirror 4, and supplemental mirror 5. No two of these mirrors are positioned symmetrically with respect to a plane that is perpendicular to the paper substrate, and the light paths are not of equal length from the light source to the paper substrate.

Therefore, claims 1 and 12 define over the references cited by the Examiner, and are allowable. Claims 2-5 depend from claim 1, and are allowable for at least the reasons discussed above with respect to claim 1. New claims 21-23 depend from claim 12, and are allowable for at least the reasons discussed above with respect to claim 12.

CONCLUSION

In view of the foregoing, entry of the above amendments and allowance of claims 1-5 and 12-23 are respectfully requested. The undersigned is available for telephone consultation at any time.

Respectfully submitted,



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